



# The Gazette of India

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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 7th March 1964.

##### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated 15th February 1964 in page 56 column 1, under the heading "Application for Patent"—

Against Nos. "91956" and "91957"—

insert the following after both of the entries—" [Ante-dated to 30th December 1963]"

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

17th February 1964

92290. C. B. Thadhani. The espresso coffee percolator.

92291. S. Arogyaswami. A cycle trailer.

92292. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of phosgene (carbonyl chloride).

92293. B. Jha. Rotary steam engine.

92294. Allied Chemical Corporation. Process for the recovery of ε-caprolactam from polycaprolactam.

92295. C. A. V. Limited. Liquid fuel pumping apparatus for internal combustion engines. (19th February 1963).

92296. Dorr-Oliver Incorporated. Combination clarifier and storage tank. (21st February 1963).

92297. Dorr-Oliver Incorporated. Production of dextrose.

92298. T. Murphy. Method for lining walls and other surfaces. (18th February 1963). [Addition to No. 78561].

92299. Lepetit S.p.A. Antibacterial compounds. (18th February 1963).

92300. Merck & Co., Inc. Substained release tablets.

92301. Express Injector Company. Improved ampoule for use with a needleless hypodermic injector. (18th February 1963).

92302. The Gas Council. Process for the production of gases containing methane from hydrocarbons.

92303. United Coke & Chemicals Company Limited. Production of electrically conducting carbon.

92304. Performed Line Products Company. Automatic sub-setter.

92305. Union Tank Car Company. Composition and process for removing impurities from liquid.

92306. Milliken Tetra Pak A Division of Clemson Industries, Inc. Container.

92307. Milliken Tetra Pak A Division of Clemson Industries, Inc. Apparatus for providing tape seals over a series of apertures in moving sheet of material.

92308. Richter Gedeon Vegyeszeti Gyár R. T. Procedure for the preparation of Δ-dehydro-steroids.

92309. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of self-extinguishing plastics materials.

92310. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Substituted hydrazine compounds and process for the manufacture thereof.

92311. T. Yamamoto. A process for manufacturing a board for decorative use.

92312. Chemical Construction Corporation. Melamine synthesis.

92313. American Cyanamid Company. Improvements relating to formulations of tetracycline antibiotics.

92314. General Electric Company. Process and product.

92315. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble azo-dyestuff and process for its manufacture.

92316. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble phthalocyanine dyestuffs and process for preparing them.

92317. Meiji Seika Kaisha Ltd. Production of blasticidin S by cultivation of novel strain of streptomyces.

92318. Veb Vorwarmer-Und Kesselbau Kothen. Gas or oil fired water tube boilers with natural water circulation for the generation of saturated steam, heated steam or hot water.

92319. Dr. T. K. Ghose, B. Bandyopadhyay and The Registrar, Jadavpur University. A process and apparatus for parboiling raw rice paddy.

19th February 1964

92320. P. C. L. Mistry. Improvement in or relating to cooker.

92321. P. C. L. Mistry. Improvement in or relating to churn.

92322. N. P. Asher. Improvements in or relating to magnetic compass.

92323. M. K. Jain. Modified filter for cigarette.

92324. J. M. Huber Corporation. Ink oil and ink produced therefrom.

92325. J. M. Huber Corporation. Carbon black product.

92326. G. S. Khemariya. An improved multipurpose folding detachable almirah-cum-box like container.

92327. Merck & Co., Inc. Steroid compounds.
92328. Don Baxter, Inc. Catheter.
92329. Societe Fives Lille-Cail. Improvement in continuously operating apparatus for crystallisation by evaporation.
92330. S. K. Karanjia. Improvements in or relating to collapsible containers.
92331. Dr. A. Wander S. A. Circulatory active compounds.
92332. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Preserving and disinfecting agent.
92333. Nestle's Products Limited. Improvements in the fermentation of fresh tea. (2nd December 1963).
92334. R. G. Reddy. Gearless transmission.
92335. American Cyanamid Company. Substituted pregnenes, pregnadienes and methods of preparing the same.
92336. General Electric Company. Sodium vapor lamp.
92337. Kearney & Trecker Corporation. Counterbalance for machine tool.
92338. Kearney & Trecker Corporation Transmission.
92339. Hitachi Ltd. Bogie truck for electric rolling stocks.
92340. Kurashiki Rayon Company Limited. Novel crystalline polyvinyl alcohol, the materials containing said polyvinyl alcohol and methods preparing them.
92341. Ball Brothers Company Incorporated. Inspection apparatus.
92342. Shell Internationale Research Maatschappij N. V. Improvements in or relating to lubricating oil compositions. (21st February 1963).
92343. Sherritt Gordon Mines Limited. Hydrometallurgical oxidation of lead sulphides (26th February 1963).
92344. American Flange & Manufacturing Co. Inc. Faucet attachment.
92345. Union Carbide Corporation. Process for cell preservation.
92346. The Goodyear Tire & Rubber Company. Improvements in process for preparing polyesters.
92347. Sulzer Brothers Limited. Improvements in and relating to sound-absorbent coverings.
92348. The Firestone Tire & Rubber Company. Stable dispersion of polymers. [Divisional date 26th June 1962].
92349. Compagnie Des Freins Et Signaux Westinghouse. Improvements in or relating to a railway signalling safety arrangement. (4th December 1963).
92350. The B. F. Goodrich Company. Improved process for halogenation of synthetic resins. (6th May 1963).
- 20th February 1964
92351. Krishan Kumar Gupta. New type loose reed motion.
92352. M. G. Phadke. Improved machine for threshing, winnowing and grading of grain, corn or seed used as animal food to be conducted with the help of motive, animal or human power.
92353. Imperial Chemical Industries Limited. Treating textile material. (21st February 1963).
92354. Imperial Chemical Industries Limited. Wall and ceiling tiles. (5th March 1963).
92355. Ripper Robots Limited. Improvements relating to aerial spraying of soil or crops thereon. (21st February 1963).
92356. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of N-substituted peri-naphtholactams. (20th September 1962). [Divisional date 23rd November 1962].
92357. Maurice Treve. Improvements in or relating to a section insulator for an overhead electric traction line.
92358. M. Amirault and P. Destoumieux. Improvements in or relating to rotary shaft packing. (22nd February 1963).
92359. The Cotton Silk and Man-Made Fibres Research Association. Method and means for the automatic regulation of the continuous application of specified amounts of solids or liquids to a moving sheet of material. (20th February 1963).
92360. Shell Internationale Research Maatschappij N. V. Process for the catalytic reforming of hydrocarbon mixtures.
92361. Dunlop Rubber Company Limited. Vulcanization process. [Divisional date 11th October 1962].
92362. E. I. Du Pont De Nemours and Company. Products and processes.
92363. The Plessey Company (U.K.) Limited. Improvements in or relating to centrifugal governors. (21st February 1963).
92364. Chubb & Son's Lock and Safe Company Limited. Improvements in and relating to cylinder locks. (21st February 1963).
92365. B. Baetz. Improvements relating to the manufacture of electrolytic products. (21st February 1963).
92366. S. K. Karanjia. Improvements in or relating to the pilfer-proof and/or leak-proof sealing of containers.
92367. A/S Malodan International Limited. Wire rope clamp, particularly for securing a wire rope to a thimble.
92368. Agritec S. A., Coira. Machine for cracking open the shell of the 'anacardium occidentale' or cashew nut and for separating the kernel from the shell.
92369. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. N, N'-substituted diamino-ethane compounds and process for preparing them.

21st February 1964

92370. V. N. Kapur. Improvements in and relating to heat insulating materials.
92371. Ceskoslovenska Akademie Ved. Electric circuit with multiple non-linear dielectric element.
92372. M. R. Sathe and Mrs. Shalini Narayan Damle. Lock nuts.
92373. Onoda Cement Company, Limited. A method for the preparation of cement.
92374. Onoda Cement Company, Limited. A vertical kiln and a method for the preparation of calcined products.
92375. Onoda Cement Company, Limited. Device for distributing liquid.
92376. Toyo Rayon Kabushiki Kaisha. Production of linear ethylene terephthalate polyesters.
92377. J. R. Geigy A.G. Process of producing halogenated cyclic aliphatic compounds. (23rd February 1963).
92378. J. R. Geigy A.G. Process for the combatting of microorganisms.
92379. J. R. Geigy A.G. Process for the production of new substituted diphenyl ethers.
92380. J. R. Geigy A.G. Antimicrobial compositions.
92381. Monsanto Chemical Company. Method and apparatus for texturizing yarn.
92382. Leesona Holt Limited. An improved cylinder.
92383. Samuel Platt Limited. A new or improved drop hammer or like machine.
92384. International Business Machines Corporation. Type carrier device.
92385. International Business Machines Corporation. Print hammer mechanism and assembly for a high speed printer.
92386. Rhone-Poulenc S. A. Process for the preparation of new organosilicon compounds and compositions containing the same.

92387. Sonic Development Corporation of America. Apparatus and method for atomizing fluent materials. [Addition to No. 90875].

**Alteration of date**

78467. Post-dated to 14th July 1962 under Section 5 of the Act.

84075. The claim to priority date 12th September 1961 has been disallowed and the application dated as of 10th September 1962, the date of filing in India.

85068. The claim to priority date 13th November 1961 has been disallowed and the application dated as of 12th November 1962, the date of filing in India.

85822. The claim to priority date 15th January 1962 has been disallowed and the application dated as of 27th December 1962, the date of filing in India.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

78467. Prabhat Products Company. An improved method of manufacturing kettle or the like vessels. Accepted on 17th February 1964.

*Cylindrical wall of the cup member at the bottom is beaded or curled up inwardly to grip the flange of the disc so as to provide a leak proof base.*

82289. North American Sugar Industries Incorporated. Refining esters of solid polyhydric alcohols. (18th May 1961). Accepted on 17th February 1964.

*After trans-esterification, the reaction mass is mixed with a secondary solvent to precipitate and remove the polyhydric alcohol.*

82294. J. R. Geigy A.-G. Dioxazine dyestuffs and processes for the production thereof, processes for the dyeing therewith and the dyed and pigmented materials. Accepted on 17th February 1964.

*Condensing by known methods a dianil containing no sulphonate acid group, in an inert organic solvent and/or acid and/or agents splitting off acid if necessary in the presence of oxidising agents at 20-300°C.*

82296. Rohm & Haas Company. Method for preparing the polymers of unsaturated dicarboxylic acid monoesters and coating compositions containing such polymers. Accepted on 17th February 1964.

*Comprises (a) polymerising an itaconic acid monoester of monohydroxy alcohol, (b) polymerising a mixture of co-polymerisable ethylenically unsaturated monomers or (c) reacting monohydroxyalcohol with an addition homopolymer of itaconic anhydride.*

82484. Farbwereke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for improving the pigment properties of substituted linear quinacridones. Accepted on 21st February 1964.

*An aqueous paste of a raw quinacridone is heated with 4 to 10 times the amount by weight of an organic solvent.*

82543. J. R. Geigy A.-G. Process for the production of substituted 2-(2'-hydroxyphenyl)-benztriazole compounds and organic polymers containing the same. Accepted on 19th February 1964.

*By reacting a 2-(2'-hydroxyphenyl)-benztriazole compound containing an acylatable amino group in the 3'-position with an acylating agent.*

82544. J. R. Geigy A.-G. Process for the production of substituted 2-(2'-hydroxyphenyl)-benztriazole compounds and organic polymers containing the same. Accepted on 19th February 1964.

*By reacting a 2-(2'-hydroxyphenyl)-benztriazole compound containing an acylatable amino group in 4'- or in 5-position with an acylating agent.*

82546. J. R. Geigy A.-G. The use of 2-(2'-hydroxy-5'-acylamidophenyl)-benztriazole compound, for the protection of organic materials which are sensitive to light and oxidation. Accepted on 19th February 1964.

*By incorporating into organic polymers, fats, oils and waxes atleast one 2-(2'-hydroxy-5'-acylamidophenyl)-benztriazole compound.*

82557. Indian Lac Cess Committee. Process for the manufacture of a reconstituted or modified shellac and varnish composition containing the same. Accepted on 21st February 1964.

*Treating with excess of caustic alkalies, splitting soap formed with mineral, acid and heating to dryness.*

82594. Sun Oil Company. Preparation of alkynaphthalene concentrates. Accepted on 19th February 1964.

*Countercurrently extracting a gas oil fraction with furfural solvent, separating the extract phase, diluting the extract phase with furfural solvent and contacting it with saturated hydrocarbon of the C<sub>5</sub>-C<sub>8</sub> range.*

82626. C. A. V. Limited. A device for aiding the starting of internal combustion engines. Accepted on 20th February 1964.

*Periphery of the stem is treated to provide a surface which is interrupted in a longitudinal direction.*

82721. The English Electric Company Limited. Improvements relating to electrical protection systems. (20th June 1961). Accepted on 17th February 1964.

*Comprises pilot lines, means for generating a carrier wave, means for cyclically modulating the amplitude of said carrier wave, means for phase comparing said carrier wave with a corresponding modulated carrier wave received from similar equipment and for generating pulses whose length are dependent on the extent of the instantaneous displacement and means to perform a protective function.*

83216. N. V. Koninklijke Veenendaalsche Sajet-En Viffschachtfabriek v/h Wed. D. S. Van Schuppen & Zoon. Improved method of and device for continuously fixing colour of textile material. Accepted on 19th February 1964.

*Comprising a J-box having a longer and a shorter leg wherein the longer leg is provided with a jacket having a steam inlet at the lower end of the said jacket.*

83337. Imperial Chemical Industries Limited. Sulphur compounds. (27th July 1961). Accepted on 21st February 1964.

*By reacting a sulfonium salt with a sulphating agent in which the reaction mixture is maintained in a fluid condition by employing sulphurium salt which is fluid under reaction conditions and/or by employing inert miscible diluent for sulphation mass.*

83731. Packaging Frontiers Inc. Packaging. Accepted on 17th February 1964.

*Comprises conveying formed flexible packaging material tubes one after another in upright position closing lower ends of tubes, delivering product to be packaged through its open upper end and then closing the end.*

83761. Etablissements ACIC Arnold Carpilloz. Apparatus for use in supporting syringe elements and the like within a washing drum. Accepted on 17th February 1964.

*Comprising an open frame having means for securing to the interior of the drum of washing machine, a number of detachable supports for syringe elements or the like engaged in the frame, each support carrying members for guiding the syringe elements, and a cover detachably secured to the frame.*

83762. Etablissements ACIC Arnold Carpilloz. Method of mechanically cleansing component elements of medical instruments. Accepted on 17th February 1964.

*Wherein such elements are disposed in the rotary drum of a conventional automatically controlled domestic machine, the elements each being maintained in a fixed relative position with respect to the drum.*

83781. G. D. Peters & Co. Limited. Improvements in or relating to vacuum brake cylinder and piston assemblies. (13th October 1961). Accepted on 17th February 1964.

*Wherein the member making threaded engagement with the piston rod and the bore in which the member is disposed are of complementary tapered formation.*

83808. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for coloring textile materials and foils. Accepted on 20th February 1964.

*Treating textile materials with (1) a reaction product of diketene and a modified polyvinyl alcohol and (2) a stabilised diazonium compound.*

83815. Hooker Chemical Corporation. Improved method of flameproofing cellulosic textile materials. Accepted on 17th February 1964.

*Comprises impregnating the cellulose textile material with an aqueous polymerizable solution comprising (1) tetrakis ( $\alpha$ -hydroxy-organo) phosphonium chloride compound (2) copolymerizable nitrogen-containing compound (3) an acid polymerization catalyst and (4) urea and thiourea heating the material to polymerization and treating with ammonia.*

83821. Glaxo Laboratories Limited. Improvements in or relating to hypodermic syringe device. (25th August 1961). Accepted on 21st February 1964.

*Comprising a medicament containing cartridge, a tubular piston, a needle holder, and a cap member.*

83825. The Goodyear Tire & Rubber Company. Improvements in blocked polyisocyanates and compositions and articles made therefrom. Accepted on 19th February 1964.

*Comprises reaction product of a polyisocyanate and an aldehyde resin resulting from the reaction of an aldehyde and a component reactive therewith.*

83836. Carus Chemical Company, Inc. Removal of impurities and recovery of potassium hydroxide in the production of potassium permanganate. Accepted on 21st February 1964.

*Comprises reacting calcium hydroxide with a mother liquor consisting essentially of an aqueous solution of potassium hydroxide, potassium magnate VI, potassium permanganate and at least one alkali-soluble impurity at temperature of about 50° to 95°C for converting the alkali-soluble impurity into potassium hydroxide.*

83838. Hind Cycles Limited. Method of forming or finishing free wheels for cycles and the like velocipedes. Accepted on 17th February 1964.

*The ball tracks and cooperating end plates of freewheels being ground and finished by diamond impregnated wheel after they are being hardened.*

83840. The Eimco Corporation. A process for filtering a slurry formed by reaction between lime and an aqueous sodium bearing liquor by means of a pressure-differential rotary drum filter. Accepted on 21st February 1964.

*Characterised in that the depth of slurry in the filter is maintained sufficient to submerge at least about 40% of the filter drum whereby the calcium carbonate cake and caustic soda filtrate are formed by pressure differential across the drum surface during submergence.*

83856. Holding Intercito SA. Nozzle adjustment device for submerged-arc automatic welding equipment. Accepted on 17th February 1964.

*Comprising a tube member, a longitudinally extending tooth construction provided for tube member, support means for guiding tube member, means cooperating with longitudinally extending tooth construction for adjusting the position of tube member in the lengthwise direction of welding wire.*

83874. Council of Scientific and Industrial Research. A process for the treatment of fish body oil. Accepted on 20th February 1964.

*Consists in the heat polymerization of the fish body oil in the presence of a catalyst consisting of a metallic oxide.*

83877. International Business Machines Corporation. Method of treating polyester polymer materials to improve their adhesion characteristics. Accepted on 19th February 1964.

*Exposing the polyester surface to an activating solution comprising sodium dichromate, sulphuric acid and water.*

83936. Imperial Chemical Industries Limited. Process for the manufacture of bipyridyls. (12th September 1961). Accepted on 21st February 1964.

*Interacting a pyridine and aluminium and oxidising the interaction product so formed.*

84000. Ciba Limited. New vat dyestuffs, process for their manufacture and process of printing or dyeing with such dyestuffs. Accepted on 19th February 1964.

*A vat dyestuff containing at least one triazine ring, protected amino groups in  $\alpha$ -position and aromatically bound halogen atoms is treated with a sulfonating agent until at least one sulfonic acid group is introduced.*

84040. Imperial Chemical Industries Limited. Organic peroxides. (13th September 1961). Accepted on 21st February 1964.

*Exposing a mixture of 2-ethyl-hexaldehyde, 3:5:5 trimethyl hexaldehyde, n-heptaldehyde, crotonaldehyde to the action of oxygen in the presence of a catalyst.*

84051. Continental Oil Company. Method of manufacturing improved corrugated paperboard. Accepted on 20th February 1964.

*Coating the corrugated medium and the monoplanar liner with a paraffin wax and wax extensible copolymer blend and bonding the corrugated medium to said monoplanar liner through said wax-copolymer blend.*

84055. Chemische Fabriek L. Van Der Grinten N. V. Process for the preparation of a diazotype developer. Accepted on 21st February 1964.

*A thin layer of the developing liquid is sprayed over the surface of the image-wise exposed diazotype material.*

84074. Imperial Chemical Industries Limited. Polymerisation catalysts and the use thereof in polymerising ethylene. (19th September 1961). Accepted on 19th February 1964.

*Reacting an aluminium halide and an alkyl aralkyl or aryl silane with a vanadium compound.*

84075. Murata Kikai Kabushiki Kaisha and Toyo Boseki Kabushiki Kaisha. Automatic knotting device for broken yarn in automatic winders. Accepted on 20th February 1964.  
*Providing a knotting device for broken yarn as an integral part of the cop assembly.*
84122. Cromelite (India) Private Ltd. Folding cot. Accepted on 17th February 1964.  
*Comprising a main frame divided into two units pivotally connected through a pair of clamps, a central leg pivotally connected to the clamps, end leg frames pivotally connected to the two units, a head rest frame pivotally connected to one of the two units.*
84243. A. R. Wilfley and Sons, Inc. Standpipe connection for centrifugal pumps. Accepted on 20th February 1964.  
*Tubular coupling having an end detachably coupled with an opening of the casing of a pump and having an opposite end adapted for connection with piping.*
84247. C. S. Patel, J. M. Patel and V. C. Patel. Plastic closure device for containers. Accepted on 17th February 1964.  
*Distributor member mounted in sealing-tight fashion on the container and a tapped capsule being mounted irremovably on the screw threaded neck of the container on the distributor member which is itself screw threaded.*
84275. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Device for realizing fluidized beds and reactors incorporating said device. Accepted on 21st February 1964.  
*Consisting of a lower fixed part and of a mobile part and each of these parts is divided in a number of concentric elements and between each fixed and mobile element there is a channel for passage of fluidizing medium.*
84316. Ciba Limited. New metal complex compounds of monoazo dyestuffs, processes for their manufacture, and textile materials dyed therewith. Accepted on 19th February 1964.  
*Monoazodyestuff is treated with a metal-yielding agent.*
84377. D. L. R. Schubert and Industrial Development Co., Inc. Felting apparatus for making mats of lignocellulose particles. Accepted on 20th February 1964.  
*Comprising mat conveying means, felting means, deckel means provided at the side edges of the mat and mat trimming means.*
84498. Aluminium Laboratories Limited. Prebake anodes for electrolytic production of aluminium and coating therefor. Accepted on 20th February 1964.  
*Comprising a major amount of synthetic cryolite having excess of aluminium fluoride to yield a weight ratio of sodium fluoride to aluminium fluoride in the range from about 0.6 to 1.2, and a minor amount by weight of alumina, the composition having a melting point in the range from about 700°C to about 1000°C.*
84502. Imperial Chemical Industries Limited. Polymers of tolylene diisocyanate. (17th October 1961). Accepted on 21st February 1964.  
*Polymerising tolylene diisocyanate so that the polymer contains between 13% and 15% isocyanate groups and not more than 1.25% free tolylene diisocyanate based on the weight of polymer.*
84543. Sperry Rand Corporation. Tape handling apparatus for recording and play-back of informative. Accepted on 17th February 1964.  
*Characterized in that to prevent undesired oscillations of tape between the storage vacuum box and the buffer vacuum box a loop having a free length whose radius varies with a substantially non-linear relationship between the stored tape length and the radius of the free length of tape with the free length of tape having an arcuate length of less than 180°.*
84546. The Goodyear Tire & Rubber Company. Improvements in pneumatic tire. Accepted on 17th February 1964.  
*Comprises an open-bellied hollow annular carcass made of cord reinforcing plies embedded in rubber, in which filamentary synthetic polymeric material having a dye incorporated of a colour contrasting with color of the reinforcing plies and the color of rubber in said treat is located circumferentially.*
84573. Imperial Chemical Industries of Australia and New Zealand Limited. Improved method and apparatus for extruding thermoplastic material. (17th October 1961). Accepted on 21st February 1964.  
*Comprises heating one or each die lips through its length by means of movable heater.*
84587. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stable aqueous formaldehyde solutions. Accepted on 19th February 1964.  
*Aqueous formaldehyde solutions containing as a stabilizer formoguanamine or a derivative thereof.*
84654. Shell Internationale Research Maatschappij N. V. Process for the continuous treatment of a first liquid with a second liquid which is immiscible therewith. (20th October 1961). Accepted on 21st February 1964.  
*Characterised in that liquids pass in parallel flow through a contact bed and the direction of flow being governed by relative specific gravities of the two liquids.*
84884. Toyo Rayon Kabushiki Kaisha. Process for manufacturing acrylic synthetic fiber containing foams therein. Accepted on 21st February 1964.  
*Mixing an isocyanate with a spinning solution containing substantially no water, spinning the mixture into coagulating bath consisting of water-solvent system and drawing the spun filaments.*
85046. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to plant for drying foodstuffs. (10th November 1961). Accepted on 17th February 1964.  
*Comprises a tower, vacuum equipment for evaporating the tower, means at the top of the tower for feeding the material to the tower, an outlet valve at the bottom of the tower, inclined plates arranged one above the other in the tower, means for heating the material.*
85065. L. F. David. Improvements in a metal panel and its application in an anti-blast barrier in particular for air-ports. (27th December 1961). Accepted on 21st February 1964.  
*Comprising identical elements welded together, each of said elements consisting of a strip expanded by forming longitudinal slits and press-forming so that openings are formed therein.*
85068. R. C. Blair. Process of and apparatus for calcining gypsum. Accepted on 21st February 1964.  
*Consisting in heating powdered gypsum to calcine the gypsum in a calcining kettle and after completely calcined adding further powdered gypsum at the upper end of the kettle thereby causing it to pass from the bottom of the kettle and to be discharged therefrom by upward displacement due to heat of material in the kettle.*
85547. Villamosipari Kutato Intezet. Method of and apparatus for processing electric fuse filaments. Accepted on 17th February 1964.  
*The cross-sectional areas of the filaments vary at optional spacings wherein the method comprises the steps of subjecting it to an electrolysis suitable to remove material from said filament in correspondence with said spacings.*

85586. Joseph Lucas (Industries) Limited. Battery charging systems. (30th January 1962). Accepted on 17th February 1964.

*Comprises a resistor, a warning lamp and a normally open switch, wherein when the switch is closed, as long as the speed of the alternator exceeds a predetermined value the potential at a point between the lamp and resistor prevents illumination of the lamp.*

85775. Ciba Limited. Photographic material for the silver dye bleaching process, colour photographs, and process for producing a cyan dye image. Accepted on 17th February 1964.

*Comprises on a support a layer containing at least one azo dye containing an a 2-hydroxynaphthalene-7-sulfonic acid radical or a 1-hydroxynaphthalene-3-sulfonic acid radical.*

85822. International Business Machines Corporation. Switching circuits. Accepted on 17th February 1964.

*Comprises first and second switching devices of the type which exhibit a negative impedance slope characteristic and have a high and low impedance state connected in parallel across a current source and a load impedance connected in series with the first device.*

85851. Shell Internationale Research Maatschappij N. V. Process for the preparation of cellular polymeric material and of expandable polyvinyl-aromatic compounds suitable therefor. (2nd January 1962). Accepted on 21st February 1964.

*Comprises polymerizing a monomeric vinyl aromatic compound containing in dispersion between 0.1 and 1.0% by weight of an organic resinous polymeric substance at a definite temperature and then incorporating a vaporisable expanding agent.*

86794. Shub Narayan Bhattacharjee and Samarendra Kumar Sen. Improvements relating to fixture and device for holding umbrella spokes. Accepted on 19th February 1964.

*Comprises a tubular piece, slidble cap with a central opening having grooves to correspond with the ribs of the tubular piece, the said cap engaging the said tubular piece preventing it from rotation, the ends of the tubular piece having stops to prevent the cap from slipping off.*

87466. D. P. Ahuja. Thick monolithic refractory wall and anchor units for same. Accepted on 20th February 1964.

*Comprising monolithic refractory material having an inside heat exposed surface and an outside surface, external support means adjacent the outside surface and a plurality of spaced anchor units secured to the external support.*

87605. Union Carbide Corporation. Method of refining surface-contaminated metals. Accepted on 21st February 1964.

*Direct current electric arc formed between a non-consumable electrode and the body to be treated is progressing advanced over successive portions of the body to incipient fusion.*

88366. Polymer Corporation Limited. Process for the polymerization of butadiene. (21st June 1962). Accepted on 20th February 1964.

*Contacting butadiene with an iodine containing catalyst system.*

#### Opposition Proceeding

The opposition entered by General Electric Company to the grant of a patent on application No. 82711 made by Dr. Beck & Co. K.m.b.H. as notified in Part III, Section 2, of the Gazette of India dated 28th December 1963, has been treated as withdrawn.

#### Printed Specification Published

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

76947. 77314. 77325. 77363. 77394. 77411. 77432.  
77449. 77511. 77545. 77575. 77723. 77786. 77826.  
77862. 77934. 77950. 77990. 78052. 78508. 78541.  
78591. 78598. 78621. 78645. 78651. 78678.  
78699. 78704. 78717. 78720. 78753. 78774. 78776.  
78779. 78783. 78785. 78840. 78851. 78866. 78928.  
78932. 78994. 79029. 79039. 79048. 79078. 79085.  
79107. 79118. 79141. 79160. 79183. 79215. 79294.  
79333. 79341. 79344. 79369. 79395. 79426. 79456.  
79474. 79487. 79501. 79543. 79602. 79628. 79629.  
79651. 79671. 79720. 79732. 79733. 79780. 79791.  
79801. 79818. 79845. 79928. 79929. 79930. 79931.  
79932. 79940. 79971. 80020. 80092. 80097. 80144.  
80170. 80177. 80188. 80191. 80193. 80235. 80410.  
80436. 80786. 80878. 80956. 80962. 81055. 81096.  
81180. 81221. 81226. 81280. 81335. 81336. 81338.  
81362. 81649. 81923. 82250. 82283. 82354. 82397.  
82504. 86108. 87149.

#### Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of Patent No. 70106 were corrected on the 13th February 1964.

#### Patents Sealed

78870. 78873. 78874. 79201. 79714. 80203. 80288.  
80612. 81010. 81052. 81116. 81234. 81319. 81354.  
81478. 81479. 81480. 81481. 81655. 81670. 81720.  
81789. 81981. 81982. 81993. 82031. 82048. 82094.  
82130. 82348. 82411. 82652. 82653. 82836. 82949.  
82966. 82967. 83425. 83442. 83523. 83907. 83977.  
84057. 84613. 88976.

#### Amendment Proceedings

The amendments proposed by Institut Francais Du Petrole, Des Carburants Et Lubrifiants in respect of Patent application No. 81677 as advertised in the Gazette of India, Part III, Section 2, dated the 16th November 1963, have been allowed.

#### ENTRY OF COURT DECREES AND ORDERS IN THE REGISTER OF PATENTS

In suit L.A.P. 270/60 and L.P.A. 282/60 by an order of the Punjab High Court, Chandigarh dated 29th November 1963, Patent No. 50356 has been held not valid and rightly revoked.

#### Renewal Fees Paid

41100. 41170. 41171. 41218. 42805. 42863. 42904.  
43016. 43045. 44674. 44678. 44739. 44829. 44922.  
44947. 45153. 45168. 45169. 45170. 45171. 46704.  
46826. 46916. 46933. 46968. 47097. 47204. 48807.  
48943. 49255. 49256. 49293. 49485. 50880. 51462.  
51656. 51657. 51717. 51719. 51720. 51732. 51737.  
51801. 51814. 51831. 51850. 51949. 51985. 51986.  
53840. 53910. 53928. 54029. 54035. 54079. 54093.  
54173. 54175. 54179. 54201. 55455. 55764. 56268.  
56269. 56270. 56271. 56575. 56602. 56680. 56681.  
56686. 56781. 56790. 56811. 56838. 56855. 56891.  
56909. 56923. 56948. 56952. 57058. 57117. 57275.  
57347. 57390. 57443. 57444. 57676. 57882. 58401.  
59081. 59600. 59700. 59737. 59829. 59852. 59948.  
59971. 59984. 60015. 60053. 60256. 60298. 60303.  
60370. 60393. 60413. 60423. 60527. 60688. 60749.  
60757. 60758. 60781. 60782. 60783. 60885. 60892.  
60979. 60994. 60995. 61916. 62504. 62609. 63149.  
63150. 63151. 63186. 63295. 63308. 63323. 63394.  
63401. 63405. 63406. 63437. 63465. 63469. 63470.  
63498. 63548. 63561. 63610. 63711. 63712. 63774.  
63823. 63842. 63872. 63969. 64017. 64169. 64216.

64223. 64506. 64519. 64557. 64666. 66576. 66577.  
 66842. 66890. 66911. 66919. 66920. 66984. 67035.  
 67067. 67141. 67163. 67164. 67165. 67166. 67167.  
 67193. 67223. 67228. 67242. 67472. 67612. 67654.  
 67717. 67792. 67799. 70387. 70611. 70735. 70807.  
 70814. 70857. 70866. 70871. 70879. 70953. 70986.  
 71028. 71083. 71084. 71088. 71186. 71196. 71220.  
 71267. 71268. 71269. 71417. 71462. 71470. 71532.  
 71666. 71697. 71993. 71994. 72131. 72132. 73672.  
 75030. 75491. 75630. 75639. 75718. 75802. 75810.  
 76664.

**Cessation of Patents**

40425. 40431. 42148. 43939. 46082. 49574. 50495.  
 50505. 50522. 54703. 55659. 55665. 55666. 58671.  
 58672. 58673. 58674. 58675. 58694. 58723. 62051.  
 62052. 62053. 62054. 62055. 62065. 62091. 62094.  
 65568. 65588. 65594. 65596. 65602. 65603. 65604.  
 69383. 69385. 69394. 69395. 69396. 69400. 69413.  
 69429. 69435. 69457. 70969.

**Restoration Proceedings**

An order has been made on the 10th February 1964, restoring the Patent No. 63370 dated as of the 11th March 1958, granted to Mohd. Rafiq for "improvement in or relating to cycle lock".

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 119735. Flinn & Dreffein Engineering Co. Ltd., Indian Firm, "Shiva-E-Numh", 205, Dr. Annie Besant Road, Worli, Bombay-18, (Maharashtra). "Burners", September 28, 1963.

Class 1. No. 119831. R. Champaklal & Company, 25, Old China Bazar Street, Calcutta 1, West Bengal, India, an Indian Partnership Concern, "A fitting for lamps", October 9, 1963.

Class 1. No. 120262. Olympia Werke Aktiengesellschaft, a body corporated organised under the laws of the Federal Republic of Germany, 294, Wilhelmshaven, Federal Republic of Germany, "A typewriter", October 9, 1963. (United Kingdom).

Class 1. No. 120339. Union Carbide India Limited, a Company incorporated under the Indian Companies Act, 1 & 3, Brabourne Road, Calcutta, West Bengal, "Flashlights", December 2, 1963.

Class 3. No. 119014. Allwyn Toys Centre, 32-34, Fazal Mansion, Sutar Chawl, Bombay-2, Maharashtra, India, an Indian partnership firm, "A snack tray", August 14, 1963.

Class 3. No. 119556. Asiatic Auto Works (India), 7314, Prem Gali No. 2, Premnagar, Subzimandi, Delhi-6, an Indian Partnership firm, "Label", September 16, 1963.

Class 3. No. 119881. Gulamhusein Ahmedally & Co. Private Limited, (An Indian Company Registered under the Indian Companies' Act), 7-A, Sir Pherozeshah Mehta Road, Fort, Bombay-1, Maharashtra, India, "A drafting aid", October 18, 1963.

Class 4. No. 119830. R. Champaklal & Company, 25, Old China Bazar Street, Calcutta 1, West Bengal, India, an Indian Partnership Concern, "A lamp", October 9, 1963.

Class 4. No. 119942. Umrigar Brothers, an Indian partnership firm, Khetwadi Back Road, Bombay 4, Maharashtra, India, "A bottle", October 23, 1963.

Class 5. No. 119943. Auto General, 13, Mohanlal Mehta Market, Grant Road, Bombay-7, Maharashtra, Indian Partnership firm, "Cartons", October 23, 1963.

Class 5. No. 120135. Gandhi Dosabhai Karsandas Sheth, Indian Partnership firm, 293, Vartej Gate, Bhavnagar (Gujarat), "Labels", November 8, 1963.

Class 5. No. 120148. Kalyan Ayurvedic Pharmacy, Inside Kalupur Gate, Ahmedabad, Gujarat State, an Indian Partnership firm, "Label", November 11, 1963.

Class 5. No. 120263. Popular Light Co., an Indian Company, Nazirabad, Lucknow, Uttar Pradesh, India, "Label", November 21, 1963.

Class 5. Nos. 120271 and 120272. Ashok Ultramarine Works, Indian Firm, 69, South Miloni Ganj, Jabalpur (M.P.), "Labels", November 21, 1963.

Class 12. No. 119729. Akola Soap Factory, Indian Partnership Firm, Subhas Road, Akola (Maharashtra), "Soap cake", September 27, 1963.

Class 12. No. 120269. Jaymes Products, Indian Partnership firm, Near Vithalwadi Station, Ulhasnagar-3, Dist. Thana (Maharashtra), "Biscuits", November 21, 1963.

Class 13. Nos. 120664 to 120673, The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, (Maharashtra), Nationality—Indian Company "Textile goods", December 30, 1963.

Class 13. Nos. 120713, 120720 and 120722, The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", January 7, 1964.

Class 13. No. 120724. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", January 7, 1964.

Class 13. Nos. 120735 to 120744, The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", January 7, 1964.

Class 13. Nos. 120748, 120749 and 120751 to 120762, Kesoram Industries & Cotton Mills Limited, 42, Garden Reach Road, Calcutta-24, Indian Company, "Textile goods", January 9, 1964.

Class 13. Nos. 120786 and 120787, The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", January 21, 1964.

Class 14. Nos. 120714 to 120719, 120721 and 120723, The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159 Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", January 7, 1964.

Class 14. No. 120750, Kesoram Industries & Cotton Mills Limited, 42, Garden Reach Road, Calcutta-24, Indian Company, "Textile goods", January 9, 1964.

**Registration of Assignments, Licences, etc. (Designs)**

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

105370—Devki Nandan Gambhir.

A. JOGARAO

Controller General of Patents, Designs and Trade Marks.

